

# Gary L Mills

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,268  
citations

567281

15  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1067  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban runoff as a source of polycyclic aromatic hydrocarbons to coastal waters. <i>Environmental Science &amp; Technology</i> , 1984, 18, 580-587.	10.0	340
2	Isolation of dissolved organic matter and copper-organic complexes from estuarine waters using reverse-phase liquid chromatography. <i>Marine Chemistry</i> , 1981, 10, 93-102.	2.3	144
3	Chemical studies of copper-organic complexes isolated from estuarine waters using C18 reverse-phase liquid chromatography. <i>Marine Chemistry</i> , 1982, 11, 355-377.	2.3	117
4	Interspecific Leaf Interactions during Decomposition in Aquatic and Floodplain Ecosystems. <i>Journal of the North American Benthological Society</i> , 1994, 13, 57-67.	3.1	102
5	Kinetics and mechanisms of kaolinite dissolution: effects of organic ligands. <i>Chemical Geology</i> , 1991, 90, 307-317.	3.3	89
6	Dissolved copper and copper-organic complexes in the Narragansett Bay estuary. <i>Marine Chemistry</i> , 1984, 15, 151-172.	2.3	61
7	Chromatographic studies of dissolved organic matter and copper-organic complexes isolated from estuarine waters. <i>Marine Chemistry</i> , 1987, 20, 313-325.	2.3	50
8	Do constructed wetlands remove metals or increase metal bioavailability?. <i>Journal of Environmental Management</i> , 2018, 218, 245-255.	7.8	50
9	Biodegradation rates of separated diesel components. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2448-2453.	4.3	45
10	Annual Input of Petroleum Hydrocarbons to the Coastal Environment via Urban Runoff. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1983, 40, s41-s53.	1.4	40
11	Organic copper and chromium complexes in the interstitial waters of Narragansett Bay sediments. <i>Marine Chemistry</i> , 1986, 19, 161-174.	2.3	35
12	Lipid Biomarkers, Carbon Isotopes, and Phylogenetic Characterization of Bacteria in California and Nevada Hot Springs. <i>Geomicrobiology Journal</i> , 2007, 24, 519-534.	2.0	30
13	Mercury speciation, bioavailability, and biomagnification in contaminated streams on the Savannah River Site (SC, USA). <i>Science of the Total Environment</i> , 2019, 668, 261-270.	8.0	27
14	Dissolved organic copper isolated by C18 reverse-phase extraction in an anoxic basin located in the Pettaquamscutt River Estuary. <i>Marine Chemistry</i> , 1989, 26, 277-288.	2.3	24
15	Impact of natural organic matter and increased water hardness on DGT prediction of copper bioaccumulation by yellow lampmussel ( <i>Lampsilis cariosa</i> ) and fathead minnow ( <i>Pimephales promelas</i> ). <i>Environmental Pollution</i> , 2018, 241, 451-458.	7.5	21
16	Spatial and taxonomic variation in trace element bioaccumulation in two herbivores from a coal combustion waste contaminated stream. <i>Ecotoxicology and Environmental Safety</i> , 2014, 101, 196-204.	6.0	15
17	Evaluation of diffusive gradients in thin films for prediction of copper bioaccumulation by yellow lampmussel ( <i>Lampsilis cariosa</i> ) and fathead minnow ( <i>Pimephales promelas</i> ). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1535-1544.	4.3	13
18	Treatment of solids and petroleum hydrocarbons in storm runoff with an on-site detention basin. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 36, 548-555.	2.7	12

#	ARTICLE	IF	CITATIONS
19	Evaluation of the DGT technique for predicting uptake of metal mixtures by fathead minnow ( <i>Pimephales promelas</i> ) in a contaminated stream. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 61-70.	4.3	12
20	Variation in Trace-Element Accumulation in Predatory Fishes from a Stream Contaminated by Coal Combustion Waste. <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 66, 341-360.	4.1	10
21	Lipid composition of suspended particulate matter (SPM) in a southeastern blackwater stream. <i>Water Research</i> , 2003, 37, 1783-1793.	11.3	6
22	Trophic Variation in Coastal Plain Stream Predatory Fishes. <i>Southeastern Naturalist</i> , 2015, 14, 373-396.	0.4	6
23	Photochemical degradation rates of tetraphenylborate and diphenylboric acid sensitized by dissolved organic matter in stream water. <i>Environmental Toxicology and Chemistry</i> , 1990, 9, 569-574.	4.3	5
24	Exposure to mercury and Aroclor 1268 congeners in least terns ( <i>Sterna antillarum</i> ) in coastal Georgia, USA. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1424-1432.	3.5	5
25	Mechanisms of Mobilization and Attenuation of Inorganic Contaminants in Coal Ash Basins. <i>ACS Symposium Series</i> , 1991, , 342-364.	0.5	3
26	BIODEGRADATION RATES OF SEPARATED DIESEL COMPONENTS. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2448.	4.3	3
27	Preconcentration and analysis of tetraphenylboron and diphenylboronic acid in natural waters using C18 reverse-phase liquid chromatography. <i>Chemosphere</i> , 1988, 17, 937-942.	8.2	1
28	Surface-facilitated Chemical Degradation of Tetraphenylboron in Soil. <i>Journal of Environmental Quality</i> , 1990, 19, 135-140.	2.0	1
29	Free and humic-bound carbohydrates leached from leaves of four floodplain tree species. <i>Communications in Soil Science and Plant Analysis</i> , 1995, 26, 3335-3341.	1.4	1
30	Detrital lipid dynamics in a blackwater stream: comparison of fast and slow decomposing leaves. <i>Fundamental and Applied Limnology</i> , 2007, 168, 137-143.	0.7	0
31	Reply to the "Comment on "Exposure to mercury and Aroclor 1268 congeners in least terns ( <i>Sterna antillarum</i> ) in coastal Georgia, USA." <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, DOI: 10.1039/C5EM00489F.	3.5	0